

IN THE CLAIMS:

*Please amend the claims as follows:*

1. (Currently Amended) An apparatus, comprising:

a first module for configuring a first antenna for reception of signals in at least a first frequency band;

a second module for configuring a second antenna for reception of signals in a second frequency band and at least the first frequency band received by the first antenna, and

a control component configured to determine whether a received signal comprises signals in the second frequency band,

wherein the second antenna is configured for reception of signals in the second frequency band when the control component determines that the received signal comprises signals in the second frequency band, and

wherein the first antenna is for reception and transmission of signals in at least the first frequency band, and the second antenna is only for reception of signals in at least the first frequency band and the second frequency band.

2. (Previously Presented) The apparatus of claim 1, wherein the second antenna is selectively tuned to receive signals in at least the first frequency band received by the first antenna when reception of signals in the second frequency band is not desirable.

3. (Previously Presented) The apparatus of claim 1, wherein the second antenna is a top-mounted inverted F-antenna.

4. (Previously Presented) The apparatus of claim 3, wherein the top-mounted inverted F-antenna exhibits circular polarization characteristics.

5. (Previously Presented) The apparatus of claim 1, wherein the second module comprises:

a first tuning component configured to tune the second antenna for reception of signals in the second frequency band; and

a second tuning component configured to tune the second antenna for reception of signals in at least the first frequency band received by the first antenna.

6. (Previously Presented) The apparatus of claim 5, further comprising a radio frequency switch configured to couple the second antenna to one of the first tuning component and the second tuning component.

7. (Previously Presented) The apparatus of claim 5, the radio frequency switch being one of a PIN-diode, a micro electro-mechanical system switch, and a field effect transistor switch.

8. (Previously Presented) The apparatus of claim 1, further comprising:

a first receiving component that facilitates at least one of transduction, modulation, and processing of a signal in at least the first frequency band received by the first antenna; and

a second receiving component that facilitates at least one of transduction, modulation, and processing of a signal in the second frequency band.

9. (Previously Presented) The apparatus of claim 8, further comprising a radio frequency switch configured to couple the second antenna to one of the first receiving component and the second receiving component.

10. (Previously Presented) The apparatus of claim 9, the radio frequency switch being one of a PIN-diode, a micro electro-mechanical system switch, and a field effect transistor switch.

11. (CANCELED)

12. (Previously Presented) The apparatus of claim 1, further comprising an emergency component that automatically configures the second antenna to receive a signal in the second frequency band upon transmitting data to an emergency number.

13. (Previously Presented) A mobile telephone comprising the apparatus of claim 1.

14. (Previously Presented) The apparatus of claim 1, further comprising the second antenna, wherein the second antenna comprises a radiating antenna element that is coupled to a transmission line, and wherein a length of the transmission line is selectable between at least two lengths.

15. (Previously Presented) The apparatus of claim 1, further comprising the second antenna, wherein the second antenna being at least one of a planar inverted-F antenna, whip antenna, microstrip antenna, L-plane antenna, monopole antenna, E-plane antenna, dielectric resonator antenna, and helix antenna.

16. (Previously Presented) The apparatus of claim 1, further comprising:

a first switch that couples one of a first tuning component and a second tuning component of the second module to the second antenna, wherein the first tuning component facilitates reception of a signal in the second frequency band on the second antenna and the second tuning component facilitates reception of a signal in at least the first frequency band received by the first antenna on the second antenna; and

a second switch that couples one of a first receiving component and a second receiving component to the second antenna, wherein the first receiving component facilitates one of transduction, modulation, and processing of the signal in the second frequency band and the second receiving component facilitates one of transduction, modulation, and processing of the signal in at least the first frequency band received by the first antenna;

wherein the control component is configured to relay commands to at least one of the first switch and second switch to facilitate a desirable coupling, the coupling based at least in part upon whether the received signal comprises signals in the second frequency band.

17. (Currently Amended) A method, comprising:

providing a first module for configuring a first antenna for reception of a signal in at least a first frequency band;

providing a second module for configuring a second antenna for reception of a signal in a second frequency band;

providing a control component for determining whether a received signal comprises signals in the second frequency band; and

providing a first tuning component for tuning the second antenna for reception of signals in the second frequency band when the control component determines that the received signal comprises signals in the second frequency band;

wherein the first antenna is for reception and transmission of signals in at least the first frequency band, and the second antenna is only for reception of signals in at least the first frequency band and the second frequency band.

18. (Original) The method of claim 17, further comprising altering a length of a transmission line associated with the second antenna to tune the second antenna.

19. (Original) The method of claim 17, further comprising altering an electrical length of a resonating element associated with the second antenna to tune the second antenna.

20. (Previously Presented) The method of claim 17, further comprising tuning the second antenna to receive signals in the second frequency band when the control component determines that the received signal comprises signals in the second frequency band.

21. (Currently Amended) A method, comprising:

providing a mobile communication device that includes a first antenna tuned to receive a signal in at least a first frequency band and a second antenna tuned to receive signals in a second frequency band and at least the first frequency band;

providing a control component configured to determine whether a received signal comprises signals in the second frequency band;

coupling the second antenna to a first switch;

further coupling the first switch to one of a first tuning circuit that facilitates tuning the second antenna for reception of a signal in a second frequency band when the control component determines that the received signal comprises signals in the second frequency band, and a second tuning circuit that facilitates tuning the second antenna for reception of a signal in at least the first frequency band received by the first antenna;

coupling the second antenna to a second switch; and

further coupling the second switch to one of a first receiving component that facilitates one of processing, transduction, and modulation of a signal in the second frequency band and a second receiving component that facilitates one of processing, transduction, and modulation of a signal in at least the first frequency band received by the first antenna;

wherein the first antenna is for reception and transmission of signals in at least the first frequency band, and the second antenna is only for reception of signals in at least the first frequency band and the second frequency band.

22. (Currently Amended) An apparatus, comprising:

means for configuring a first antenna to receive signals in at least a first frequency band;

means for configuring a second antenna to receive signals in at least the first frequency band received by the first antenna and data in a second frequency band at a particular instance, and

means for determining whether a received signal comprises signals in the second frequency band;

wherein second antenna is configured for reception of signals in the second frequency band when the means for determining determine that the received signal comprises signals in the second frequency band; and

wherein the first antenna is for reception and transmission of signals in at least the first frequency band, and the second antenna is only for reception of signals in at least the first frequency band and the second frequency band.

23. (Previously Presented) The apparatus of claim 22, the second antenna being a top-mounted inverted F antenna.

24. (Currently Amended) A system, comprising:

a first antenna that facilitates reception of signals in at least two frequency bands;

a second antenna that facilitates reception of signals in a second frequency band and at least one of the frequency bands received by the first antenna;

a control component configured to determine whether a received signal comprises signals in the second frequency band; and

a tuning component configured to tune second antenna to the second frequency band when the control component determines that the received signal comprises signals in the second frequency;

wherein the first antenna is for reception and transmission of signals in at least the first frequency band, and the second antenna is only for reception of signals in at least the first frequency band and the second frequency band.

25. (Previously Presented) The apparatus of claim 1, wherein the first frequency band is a personal communication service band, a cellular band, a Korean personal communication service band, or a China personal communication service band.

26. (Previously Presented) The apparatus of claim 1, wherein the second frequency band is a global positioning system band.